Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of claims:

Claims 1 - 56 (canceled)

Claim 57 (new) An isolated nucleic acid comprising a nucleotide sequence selected from the group consisting of:

(i) the nucleotide sequence of SEQ ID NO:1; (ii) the nucleotide sequence of SEQ ID NO:2; (iii) a degenerate variant of the nucleotide sequence of SEQ ID NO:2; (iv) a nucleotide sequence that encodes a polypeptide having the sequence of SEQ ID NO:3; and (v) a nucleotide sequence that is the complete complement of the nucleotide sequence of any one of (i) - (iv).

Claim 58 (new) An isolated nucleic acid comprising a nucleotide sequence selected from the group consisting of:

(i) a nucleotide sequence at least 99% identical in sequence to SEQ ID NO:2; (ii) a nucleotide sequence that encodes a polypeptide at least 99% identical in sequence to SEQ ID NO:3; and (iii) a nucleotide sequence that is the complete complement of the nucleotide sequence of any one of (i) and (ii).

Claim 59 (new) An isolated nucleic acid comprising a nucleotide sequence selected from the group consisting of:

(i) a nucleotide sequence at least 95% identical in sequence to SEQ ID NO:2; (ii) a nucleotide sequence that

encodes a polypeptide at least 95% identical in sequence to SEQ ID NO:3; and (iii) a nucleotide sequence that is the complete complement of the nucleotide sequence of any one of (i) and (ii).

Claim 60 (new) The isolated nucleic acid of any one of claims 57 - 59 wherein said nucleic acid encodes a polypeptide which interacts with either or both of Rho or PDZ domain-containing proteins.

Claim 61 (new) The isolated nucleic acid of any one of claims 57 - 59, wherein said nucleic acid is expressed in kidney, colon, adrenal, adult liver, bone marrow, brain, fetal liver, heart, hela, lung, placenta, prostate and skeletal muscle.

Claim 62 (new) The isolated nucleic acid of any one of claims 57 - 59, wherein said nucleic acid is operably linked to one or more expression control elements.

Claim 63 (new) A replicable vector comprising the isolated nucleic acid of any one of claims 57 - 59.

Claim 64 (new) A replicable vector comprising the isolated nucleic acid of claim 62.

Claim 65 (new) The isolated nucleic acid of any of claims 57 - 59, attached to a substrate.

Claim 66 (new) A host cell transformed to contain the nucleic acid of any one of claims 57 - 59, or the progeny thereof.

Claim 67 (new) A host cell transformed to contain the nucleic acid of claim 62, or the progeny thereof.

Claim 68 (new) A host cell transformed to contain the replicable vector of claim 63, or the progeny thereof.

Claim 69 (new) A host cell transformed to contain the replicable vector of claim 64, or the progeny thereof.

Claim 70 (new) A method for producing GTP-Rho Binding Protein 2, the method comprising:

culturing the host cell of claim 66 under conditions in which a protein encoded by said nucleic acid is expressed; and then

isolating said protein from culture medium.

Claim 71 (new) A method for producing GTP-Rho Binding Protein 2, the method comprising:

culturing the host cell of claim 67 under conditions in which a protein encoded by said nucleic acid is expressed; and then

isolating said protein from culture medium.

Claim 72 (new) A method for producing GTP-Rho Binding Protein 2, the method comprising:

culturing the host cell of claim 68 under conditions in which a protein encoded by said nucleic acid is expressed; and then

isolating said protein from culture medium.

Claim 73 (new) A method for producing GTP-Rho Binding Protein 2, the method comprising:

culturing the host cell of claim 69 under conditions in which a protein encoded by said nucleic acid is expressed; and then

isolating said protein from culture medium.

Claim 74 (new) A microarray wherein at least one probe of said array is a nucleic acid according to any one of claims 57 - 59.

Claim 75 (new) A method for detecting a target nucleic acid in a sample, said target being a nucleic acid of any one of claims 57 - 59, the method comprising:

hybridizing the sample with a probe comprising at least 30 contiguous nucleotides of a sequence complementary to said target nucleic acid in said sample under hybridization conditions sufficient to permit detectable binding of said probe to said target, and

detecting the presence or absence, and optionally the amount, of said binding.